



Electronics Design & Development Engineer – Automotive Sensors

Join an industry leader during this exciting period of rapid expansion!

Position: Electronics Design & Development Engineer – Automotive Sensors

Location: Bergen, Norway (Norwegian language is not required)

Contract: Unlimited, full employment

The Company:

Since our company was established in 1986, we have grown to become Europe's largest provider of quality fuel-tank sensors thanks to systematic innovation and an uncompromising focus on quality.

Today, our market orientation is four fold: automotive, marine, agricultural and construction vehicles. For these segments, we supply many types of liquid level and temperature sensors. As supplier to many industries with stringent quality requirements, our company satisfies all relevant international standards.

The most important element of our strategy is our close cooperation with our customers. These include every single truck OEM in Europe - and a growing number in other parts of the world.

We are continuously growing and are currently looking for a male/female Hardware Engineer for automotive fuel sensors and diesel exhaust fluid sensors. The position is based at our headquarters in Bergen, Norway.

Responsibilities will include:

- Design & develop hardware for automotive diesel-exhaust-fluid sensors.
- Driving the development of hardware specifications.
- Analyze, design, and develop conventional analog and digital circuits as required.
- Perform schematic design and layout.
- Coordinate in-house with Embedded-Software Engineers, Mechanical Designers, and Industrialization Department as well as with customers and suppliers.
- Analyze, functional verification, and equivalence checking etc and use automated testing tool (labview, HPVVE). Demonstrate and document product and circuit robustness using computer simulations, conventional analysis and standard testing methodologies.
- Isolate design bugs and solving issues.
- Assisting in testing prototype parts. Write and analyze test plans, conduct design tests and evaluate test results.
- Conduct design reviews.
- Prepare and maintain product documentation, including data sheets, instruction manuals, project notebooks, design and test documentation.
- Be a specialist related to customer EMC requirements both in the on-road and off-road automotive market (must read a lot – and be on top of all this to make sure the HW design will pass all customer requirements)



Desired Skills & Experience:

- Degree in Electronics, Mechatronics or similar.
- Experience in design and development of electronics parts (logic simulation, hardware emulation etc.)
- Experience in electronics design software such as Verilog or VHDL etc.
- Good English.
- 3 years relevant work experience.
- Applicants should be interested to become involved in the entire development process, including mechanical and software aspects so he/she can be a real team-member.
- Experience with sonic sensors or automotive industry is beneficial.
- Analytical with structured working methods.
- Strong interpersonal and communication skills.
- Some knowledge of C/C+ is beneficial but not required.

If you would like to come on board and join our dynamic team, then send your CV in English to our recruitment consultant – Mr. David Saunders, at: d.saunders@vision-line.co.uk